



Weekly Construction Report

Hatchery Creek Design/Build Project



Week:	September 22 – 27, 2014	Project No:	1305
Rain Days/Weather Conditions:	No Rain this week.		
Personnel on-site:	EcoGro/Ridgewater: John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, Jon Linder, Chad Relinski, Brad Redmon Stantec: Oakes Routt (Wednesday)		
Equipment on-site:	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
Material deliveries to project site:	<ul style="list-style-type: none"> (~33) four-foot diameter boulders for step pools. 		
Work performed this week:	<ul style="list-style-type: none"> Built Tributary 9 spillway (LT Sta. 128+00), which will maintain perennial flow from the new Hatchery Creek to Tributary 9 downstream of the project. Finished constructing channel and adjacent floodplain berm from 127+00 to 129+50. Finished clearing invasive shrubs along ravine upstream of bridge. Started excavating floodplain RT Sta. 115+00 and hauled soil to ravine riffles. Worked on building riffle subgrade with soil fill from Sta. 301+00 to 304+00. Cleared trees and stripped topsoil for temporary diversion channel from Public Fishing Area. Attended Mutual Understanding Conference (MUC) on Friday with USACOE and Aspen Construction to discuss schedule of excavation, haul road, etc. 		
Erosion & sediment controls installed:	<ul style="list-style-type: none"> ❖ Installed temporary seed and straw on finished floodplain berm and channel banks from 127+50 129+50. 		
Work scheduled for next week:	<ul style="list-style-type: none"> ⚡ Continue excavating for floodplain and channel upstream of Campground Road (113+00 to 116+80) and haul soil to ravine to finish building riffles (Sta. 301+00 to 304+80). ⚡ Install temporary diversion channel from Public Fishing Area to ravine below work area. ⚡ Build floodplain berm and walking trail along Public Fishing Area LT Sta. 102+00 to 103+50. ⚡ After flow is diverted, start installing compacted clay fill in ravine stream crossing ~Sta. 106+00 to 106+60. ⚡ Continue delivering boulders for step pools. 		
Work planned for two weeks ahead:	<ul style="list-style-type: none"> ⚡ Construct channel from ~Sta. 110+00 to 116+80. ⚡ Continue constructing ravine crossing from ~Sta. 106+00 to 106+60. ⚡ Continue delivering boulders and start delivering 18" D50 rock for step pools. 		
General Comments:	<ul style="list-style-type: none"> ➤ Access to the Public Fishing Area (left side) and the ravine within the work area (within 500' of the bridge) is closed to protect the public during construction in those areas. KDFWR, USFWS & USACOE are continuing to inform the public of the closure. ➤ The film crew and host of KDFWR's <i>Kentucky Afield</i> Television show visited the project on Wednesday, took video and interviewed KDFWR and D/B Team members. They said they would air the segment in a few weeks. You can also look for it at: http://fw.ky.gov/Kentucky-Afield 		
Prepared by: Eric Dawalt, P.E.	Date: 9-30-14		



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Pictures from this week's construction:



Trackhoe is constructing Tributary 9 Spillway (~LT Sta.128+00). Skid steer is building floodplain berm on left.



Constructing Tributary 9 Spillway by placing two-foot layer of rock over geotextile (~LT Sta.128+00).



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Completed Tributary 9 Spillway (water will flow from new Hatchery Creek on left to Tributary 9 on right) with fisherman walking trail steps crossing it (~LT Sta. 128+00).



Adding spawning gravel (small, round gravel) to riffle to provide suitable nesting substrate for trout to lay eggs (~LT Sta. 128+00).



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Clearing trees for temporary stream diversion channel as well as new channel near Public Fishing Area (~LT Sta. 105+00).



Starting construction of a "Trout Lunker Bunker" wood and log structure in the outer bend of a pool (looking upstream (~LT Sta. 127+50). The logs in the center of the picture are the footers for the structure.



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Close up of a "Trout Lunker Bunker" structure in the outer bend of a pool (~LT Sta. 127+50).



Kentucky Afield cameraman Scott Moore videoing host Tim Farmer (on right) interviewing EcoGro/Ridgewater field superintendent Brad Redmon about the "Trout Lunker Bunker" structure while standing in a constructed pool (LT Sta. 147+00). KDFWR Assistant Director of Fisheries Mike Hardin is standing in foreground supervising the action.



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KDFWR's Mike Hardin and Tim Farmer posing with D/B team members on future step pool boulders. Safety footwear was optional for this day only.